### Message

From: Markwiese, James [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BF44597B0E1B42B98BCBEA7774AC7367-MARKWIESE,]

**Sent**: 10/20/2016 10:42:48 PM

To: Brown, Cheryl A. [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=dd6f8a562924439aaf97ca98ddaf1e10-Brown, Cheryl]

CC: DeWitt, Ted [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=1ef018b966e94a84872782ad3944431a-DeWitt, Ted]

Subject: RE: QA review of a memo entitled "Review of Pteropod and aragonite saturation data from 2011 and 2013

Attachments: WED QA Review Brown 20Oct16.docx; Review of pteropod data from 2011 and 2013 Oct 11 2016 WED-QA.docx

# Cheryl

This looks fine, please see my edits in track changes

Jim

From: Brown, Cheryl A.

Sent: Friday, October 14, 2016 10:14 AM

To: Markwiese, James < Markwiese. James @epa.gov>

Subject: QA review of a memo entitled "Review of Pteropod and aragonite saturation data from 2011 and 2013

Hi Jim,

I'm providing technical assistance to Region 10, which involves reviewing existing scientific information and with the larger

group providing input

Deliberative Process / Ex. 5

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Region 10 staff were provided with data on pteropod shell damage and carbonate chemistry data by NOAA and University of Washington staff.

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Region 10 staff would like to share the info I prepared with UW and NOAA folks, which means we need to clear it. Would you be willing to conduct a QA review on this document? As a FYI, no EPA data are in this document and I have purposely not made

any recommendations, I am providing the information to Region 10 and others for discussion purposes.

Attached is the document. R10 staff have scheduled a meeting with UW & NOAA folks on October 31, I would need this cleared before that

date so we can share with them.

Thanks.

Cheryl

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